Technical Tips

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Using the new features in VA-SW8000 software **January 2006**

What's new in VA-SW8000?

The most noticeable change in the VA-SW8000 software is a change in the user interface. This has been changed from the simpler icon driven interface found in previous incarnations of our software to a more sophisticated menu driven interface. If you have used earlier versions of this software, the functions and utilities you've become used to are still there. In this new version of the software the various operations are accessed via pull down menus found on a menu bar at the top of the application window. Whether or not you have used previous versions of our casino software I suggest you take a moment to review descriptions of the various application window elements found on page 16 of the user manual. The new application window elements include a control panel that is always on top in all functions instead of just being accessible from the viewing window as it was in previous software versions. A new function that also been added to the application window is the time scale panel which allows quick review and movement through previously recorded video. The DVR tree list has also been moved to a position next to the control panel allowing quick navigation of registered DVRs connected to the video network. The register DVR function in the initial set menu has also changed. The function has been split into a Register DVR window and a Tree Edit window. What follows is a description of how to use these newer functions added to the VA-SW8000 application. I hope these descriptions will be of use to users new to the application as well as for users familiar with older versions of our casino application.

Using the Tree edit function

Once you have registered the DVRs attached to your video network (see bulletin titled Network configurations for the VA-SW8000 software). You use the Tree Edit function to create and sort DVRs into groups for easier management (see pages 76-80 in the user manual). Although you can access the DVR tree from the Register DVR function the Edit Tree window is intended as the area you can edit the DVR tree viewed by the end users. In order to access this function,

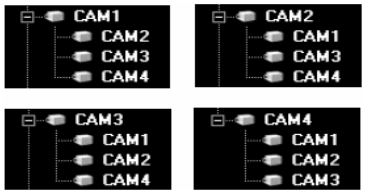
- You must be editing from the Master computer.
- You must be logged on as ID4.
- You need to have already registered you DVRs in the Register DVR function (user manual pages 81-88).

The initial DVR tree is displayed from the root.

The root can be expanded by clicking on the plus sign to the left of the icon. When an item in the tree is expanded the plus sign will change to a minus sign and any groups or DVRs belonging to the item will be displayed below it. Including the root group (includes all sub-groups and DVRs) you can create up to 256 groups. There can be up to 3 sub levels to the tree hierarchy (sub-level meaning a grouping of groups).To create a new group right click on the menu tree root, or any expanded group already existing below it. Select "New Group". To move cameras into a group or from one group to another you can right click on the item select and "cut". Then right click in the area you want to move it to and select "paste". Or you can use the right click, drag and drop method.

It is possible for a camera to exist in more than one group. Right click and select "copy" and "paste" to duplicate a camera into a second grouping. Once you have created groups and sorted the DVRs the way you want; you must click the "OK" button for the changes to be permanently applied. If you click "Cancel" any changes you have made will be removed. In order for a group you create to remain in the tree you must add at least one DVR to it before you select the "OK" button. When a group folder is selected in the edit function any cameras existing inside that group will be displayed in the Detail List on the right. Any camera in this list that is also visible in the tree list will have an "X" in the box next to it. You cannot un-X, or drag and drop DVRs from this list to the tree; it is intended only as a reference.

A big change in the menu tree in the VA-SW8000 software is way four channel DVRs (DSR-M804 & M814) units are displayed. Since each camera on can be viewed individually by clicking on it as an item in the tree each is represented as a separate item. However some actions such as "record" or "play" apply to the entire DVR. Therefore under each camera from a four channel DVR in the tree the other three related cameras are displayed beneath it to remind you of this interrelation. This means that a camera from a four channel DVR will actually appear in the tree four times. Once as an item in the tree, and three times as a lower level item beneath each of the other related cameras.



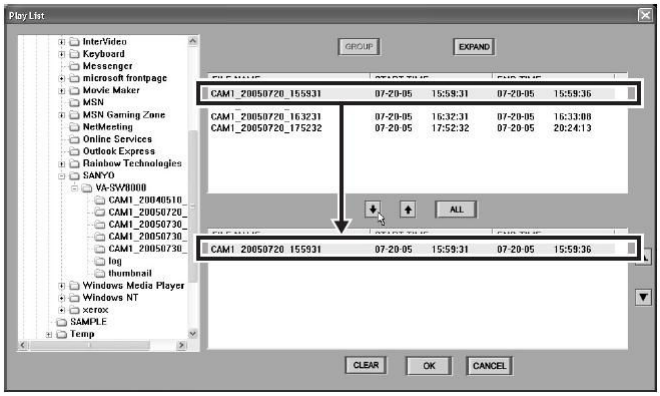
Using the Time Scale Panel

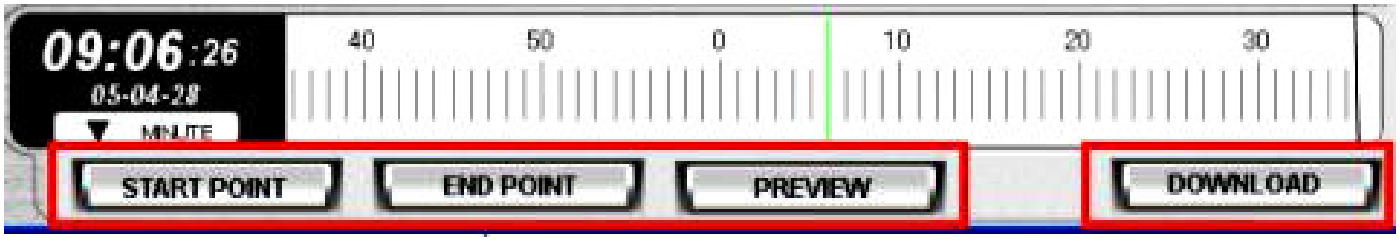
The Time Scale Panel is a useful tool that has been added to the VA-SW8000 allowing you to quickly jump backwards or forwards along the timeline of recorded video (see pages 21-22 in the user manual). In the live mode the Time Scale displays the current Time & Date. By clicking and dragging the scale to a previous time point, or by double clicking on the point you wish to go to it is possible to quickly jump to a previous point in time. This feature allows you to start playback from the Time Scale. A pull down menu beneath the active time display allows you to select the unit of time the scale controls. The options are Day, Hour, or Minute. When a given unit is selected the graduations on the Time Scale will change to reflect that unit of time measurement. In live mode playback can be started by sliding the scale to the right, in play back mode you can also slide the scale right to go back further, or slide the scale to the left to move play forward in time.

The Time Scale Panel can also be used to quickly set blocks of download time from the currently selected DVR in the viewing window (see pages 48-58 in the user manual).

To download video drag or double click a point on the Time Scale before your desired start point and wait for playback to start. When playback reaches your start point click the "Start Point" button. This will set the download start point and the button will turn red. Drag the Time Scale, or double click a point where the download will end. A green band will connect the start point to the end point defining the download range. Click the "End Point" button to define the download ending, the button will turn blue. You now have the option to preview the defined video download segment by selecting the "Preview" button. Or start the download immediately by selecting "Download". Selecting "Download" will bring up the download window which will display visual confirmation the download range is valid by showing the first and last frames of the download segment. The "Browse" button allows selection of a folder to download the video to, or the storage path can be manually typed into the "File name" field. Click "Add" to place the defined segment in the download list. You can also preview defined clips from the download list by selecting an item on the list and selecting "Preview".

Once the video segment appears in the download list you can return to the viewing window and use the Time Scale Panel for selection of additional video segments to add to the download list (Batch Mode). Up to twenty defined segments of video can be added to the list. Or click the download button to immediately start downloading any items displayed in the list. When video is downloaded to a directory on the PC hard drive there will be two files created with the same name as the download but having separate file extensions. The two extensions are .mp2 & .idx, these must both remain together if the video file is moved to another location or the video file will reported as invalid when played back with Sanyo software. There is also another application downloaded to the directory called the MP2 viewer. This file and it's two associated .dll files is a stand alone player application able to playback clips from the Sanyo MPEG2 DVRs independently of the VA-SW8000 application. Any PC with a Video card fully supporting Direct X 9.0c or higher should be able to playback video clips from our application with this application. To play back downloaded video files within the VA-SW8000 application you can use the "FILE" button found on the Control Panel. This application allows you to browse available folders on the PC, add them to a play list (up to 100 files can be selected), and select "OK" to start play back in the order they appear in the list.





Recommended firmware for full function of the new features offered in the VA-SW8000 software package

If using a DSR-M810 or DSR-M814 recorder unit with this software we recommend updating the firmware version to Main 2.20-00/ Sub 2.10-00 or higher. This will assure the best performance (improved buffer times) and functionality with the VA-SW8000 software.
Current firmware and installation instructions can be found and downloaded from www.sanyocctv.com under "Downloads" link.
Tip, if multiple DVRs of the same model need to be updated you can use the broadcast feature to stop recording and then "System Update" to push the update all recorders of the same model on your network.

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